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(71) Applicant (for all designated States except US): ORCHID CHEMICALS & PHARMACEUTICALS LTD [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, 476/14, Old Mahabalipuram Road, Sholinganallur, Chennai 600 119 (IN).

(72) Inventors; and

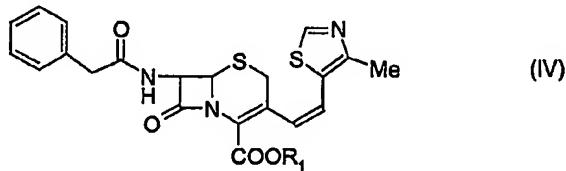
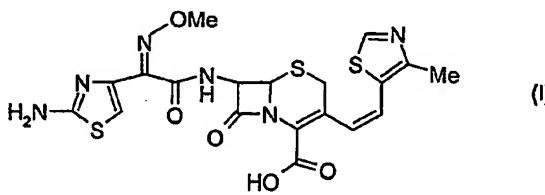
(75) Inventors/Applicants (for US only): PRABHAT, Kumar, Sahoo [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, 476/14, Old Mahabalipuram Road, Sholinganallur, Chennai 600 119 (IN). VEMPALI, Anandam [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, 476/14, Old Mahabalipuram Road, Sholinganallur, Chennai 600 119 (IN). SUNDARAVADIVELAN, Sivakumaran [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, 476/14, Old Mahabalipuram Road, Sholinganallur, Chennai 600 119 (IN).

PRAVEEN, Nagesh, Ganesh [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, 476/14, Old Mahabalipuram Road, Sholinganallur, Chennai 600 119 (IN). VITTAL, Manikrao, Waghdare [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, 476/14, Old Mahabalipuram Road, Sholinganallur, Chennai 600 119 (IN). PANDURANG, Balawant, Deshpande [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, 476/14, Old Mahabalipuram Road, Sholinganallur, Chennai 600 119 (IN). PARVEN, Kumar, Luthra [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, 476/14, Old Mahabalipuram Road, Sholinganallur, Chennai 600 119 (IN). PRATIK, Ramesh, Sathe [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, 476/14, Old Mahabalipuram Road, Sholinganallur, Chennai 600 119 (IN).

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[Continued on next page]

(54) Title: AN IMPROVED PROCESS FOR THE PREPARATION OF CEFEDITOREN



WO 2005/003141 A2

(57) Abstract: The present invention relates to an improved process for the preparation of Cefditoren of formula (I), the said process comprising the steps of: i) converting the compound of formula (II) to a compound of the formula (III) using TPP and sodium iodide in the presence of THF, water, and base; ii) reacting the compound of formula (III) with 4-methyl-5-formyl-thiazole to produce a compound of formula (IV); iii) deesterifying the compound of the formula (IV) to yield compound of formula (V); iv) converting the compound of formula (V) to compound of formula (VI) in the presence of a base and solvent; v) converting the compound of formula (VI) into compound of formula (VII) by enzymatic hydrolysis; and vi) reacting compound of formula (VII) with compound of formula (VIII) in the presence of solvent and base to produce compound of formula (I).



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